

ABSTRACT OF THE DISCLOSURE

The input rotational speed of a belt-driven conical-pulley transmission is determined by measuring a wheel rotational speed and the transmission ratio and by calculating the input rotational speed therefrom. In order to ascertain the slipping of a CVT transmission, the rate of change in the transmission ratio is drawn upon, or an acoustic parameter of the transmission is used. In the fluid control system, a valve is used whose opening cross-section is controlled according to the one differential pressure. In order to oil the conical discs, injection holes of an injection tube are used that passes through a slot provided in a slide rail resting against a strand of a flexible torque transmitting member of a conical disc flexible drive.